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## DEPARTMENT OF GEOGRAPHY

Faculty of Earth Sciences

Mohanlal Sukhadia University, Udaipur (Raj.)-313001

Prof. Seema Jalan  
Head

F. No/MLSU/Geog/RUSA 2.0/GSDEC/2025-26/RFQ/856

Dated: 08.09.2025

### REQUEST FOR QUOTATION No. 04 / 2025-26

Sealed quotations are invited from reputed registered firms dealing in **Drone Survey for purchase of 3D Drone acquired data and related deliverables** as per the following specifications in Geospatial Skill Development Centre and Entrepreneurship Cell (GSDEC), RUSA 2.0 Project (CH-05), Department of Geography, Mohanlal Sukhadia University, Udaipur.


| S. No. | Data Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Estimated Cost (including taxes) INR |
|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|
| 1.     | <p><b>Data specifications</b></p> <ul style="list-style-type: none"><li>High end Drone acquired 3D data acquired using minimum 20 Megapixel camera for the given area of interest</li><li>Suitable for photogrammetry and high accuracy mapping</li><li>Haze-free high-quality clear high contrast unstretched images</li><li>No warping or radiometric errors in images</li><li>Seamless radiometry in mosaic at merge edges of adjacent images</li><li>CRS – WGS 84/ UTM Zone 43 N</li></ul> <p><b>Area details</b></p> <ul style="list-style-type: none"><li>Approx. 7 km. covering prominent characteristics of the terrain and landscape of Udaipur city (to be finalized in consultation with the Coordinator, GSDEC at the time of issue of the Purchase Order)</li></ul> <p><b>Data Acquisition requirements</b></p> <ul style="list-style-type: none"><li>Minimum 06 GCPs using DGPS</li><li>15-20 RTK points @ ~ 500 m. spacing</li><li>70 % - 80 % forward overlap ; 60 % - 70 % lateral overlap</li></ul> <p><b>Deliverables</b></p> <ul style="list-style-type: none"><li>Raw imageries @ 3-5 cm GSD or better</li><li>3D MX TCC Orthophoto VHR @ 5- 10 cm resolution or better, suitable for agriculture/ infrastructure mapping/ urban applications</li></ul> | 90000/-                              |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                             |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|  | <ul style="list-style-type: none"> <li>• Digital Elevation Model @ 10 cm (cm level vertical accuracy)</li> <li>• Digital Surface Model @ 10 cm (cm level vertical accuracy)</li> <li>• Co-registered Contour vector map @ 1 m interval</li> <li>• Coordinate locations &amp; vector files of GCPs &amp; RTK points.</li> <li>• Digital Format – Geotiff / ecw/ ASCII/ .dwg as applicable</li> <li>• Analog (A2 / A3 size glossy laminated color reference maps of captured area and deliverables)</li> <li>• Detailed report of methodological workflow of data acquisition, processing, accuracy statistics and quality control.</li> <li>• Post procurement support for minimum one year.</li> </ul> |                             |
|  | <b>Total estimated cost including all taxes in words</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Ninety thousand only</b> |


Quotations have to be submitted on official letter heads duly complete in all respects **on or before 15.09.2025 by 1:00 P.M.** to **Prof. Seema Jalan, Head, Department of Geography & Coordinator, GSDEC, RUSA 2.0 (CH-05), MLSU, Udaipur.**

#### **Terms and Conditions**

1. Offer must be submitted only for products which **fulfill all the given technical specifications.**
2. Bidder should be an authorised firm having valid certificates and authorization regarding use of the equipment etc., and preferably experience of working with State Government Departments/ educational institutions.
3. The firms should have GST/PAN/TIN No.
4. Quoted rates should be valid up to **90 days.**
5. Quote the price of the item/ data and taxes separately.
6. Prices to be inclusive of all costs of data acquisition, processing, printing etc.
7. F. O. R., Department of Geography, MLSU, Udaipur.
8. Payment will be made online as per State Govt./ RUSA and MLSU norms, and applicable RTPP rules after satisfactory delivery of the datasets.

  
**HEAD**

Copy to the Director, Computer Center, MLSU, Udaipur with a request to upload the RFQ on University website.

  
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08/09/2025